

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E42044

Participation : CTR

Employer : Panasonic Avionics Corporation

Status : Affected

Worksite : Canyon Park

Survey Type : Online

Street : 22333 29th Dr Se

Response Rate : 76%

Jurisdiction : City of Bothell

Survey Date : 6/22/2018

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 13.3%

Drive Alone Rate : 86.7%

One-Way VMT per employee : 15.2

Average One-Way distance home to work : 16.7

Employees and Survey Response Information

Reported Total Employees at Worksite: 400

Surveys Distributed : 400

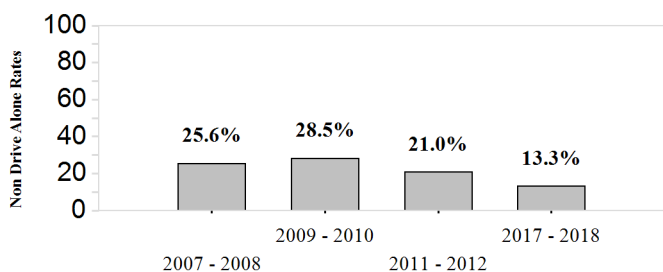
Surveys Returned : 304

Surveys Returned by CTR Affected* Employees : 278

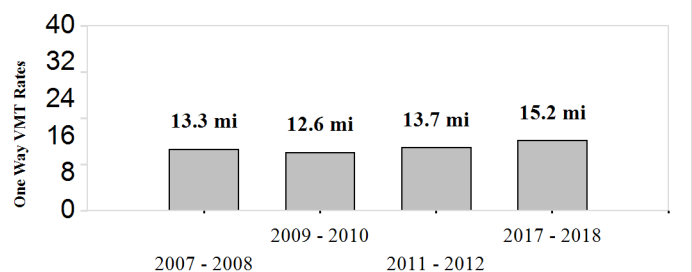
Total Estimated CTR Affected Employees at Worksite : 366

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO₂e Pounds CO₂e

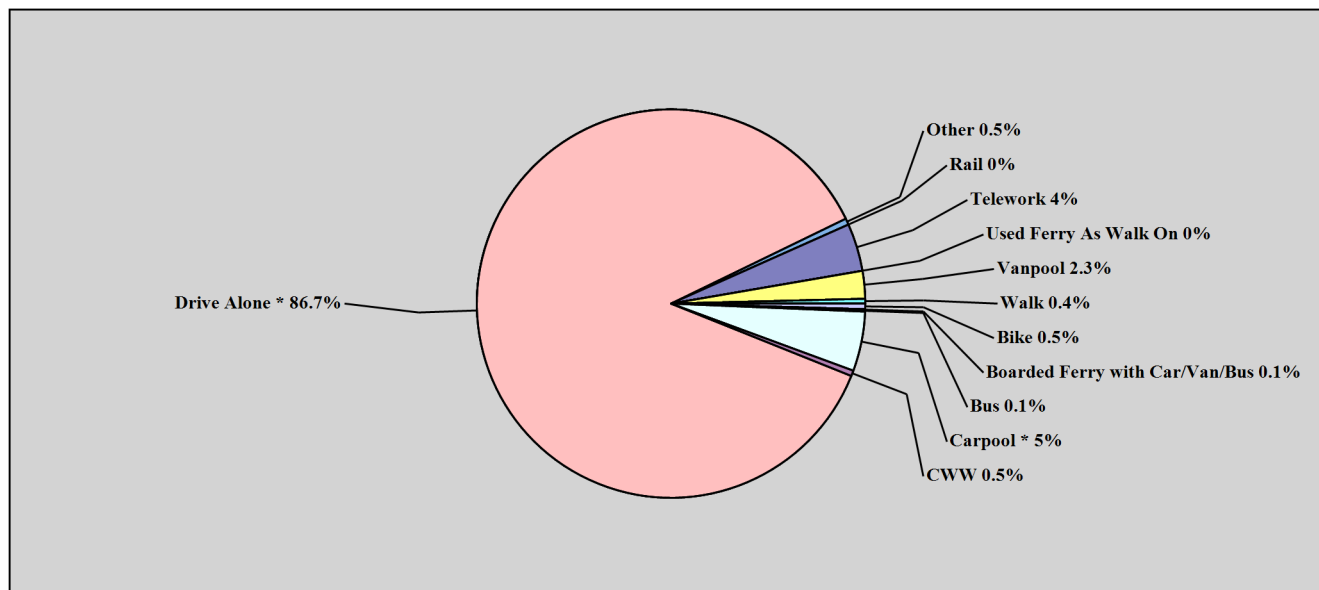
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	25.6%	26.2%	879	1276	28.1	13.3	12.8
2009 - 2010	28.5%	29.2%	922	1395	30.8	12.6	13.0
2011 - 2012	21.0%	22.0%	823	1427	31.5	13.7	13.9
2013 - 2014	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2015 - 2016	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2017 - 2018	13.3%	14.5%	1022	1345	29.6	15.2	14.8
Target	31.6%				Target:	10.9	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-12.3				% Change from Baseline:	14.3%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



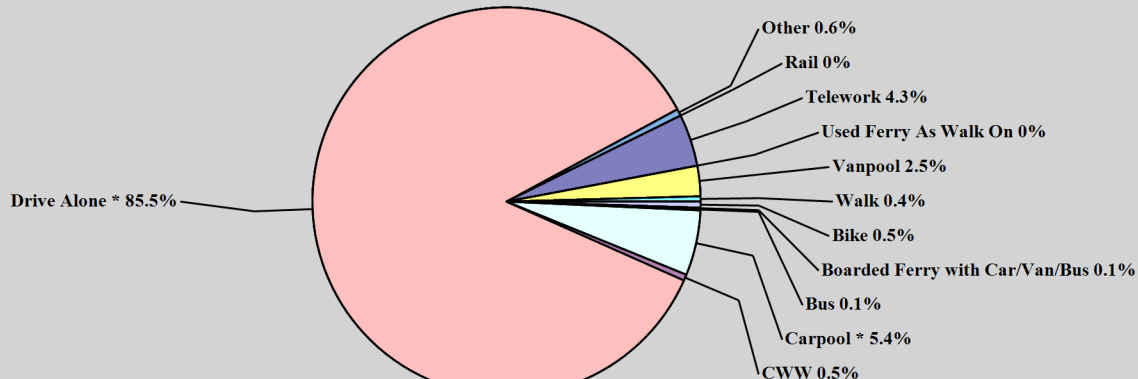
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,313	86.7%	79.0%	284	93.4%	82.8%
Carpool *	75	5.0%	9.4%	23	7.6%	10.2%
Vanpool	35	2.3%	7.4%	7	2.3%	7.7%
Bus	2	0.1%	1.4%	1	0.3%	1.5%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	7	0.5%	0.4%	2	0.7%	0.7%
Walk	6	0.4%	0.0%	3	1.0%	0.0%
Telework	60	4.0%	1.2%	27	8.9%	4.4%
CWW	7	0.5%	0.4%	3	1.0%	2.2%
Boarded Ferry with Car/Van/Bus	1	0.1%	0.4%	1	0.3%	0.4%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	8	0.5%	0.4%	4	1.3%	0.7%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,182	85.5%	78.0%	259	93.2%	82.1%
Carpool *	75	5.4%	10.1%	23	8.3%	11.0%
Vanpool	35	2.5%	8.1%	7	2.5%	8.1%
Bus	2	0.1%	1.2%	1	0.4%	1.2%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	7	0.5%	0.4%	2	0.7%	0.8%
Walk	6	0.4%	0.0%	3	1.1%	0.0%
Telework	60	4.3%	1.2%	27	9.7%	4.5%
CWW	7	0.5%	0.1%	3	1.1%	0.4%
Boarded Ferry with Car/Van/Bus	1	0.1%	0.4%	1	0.4%	0.4%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	8	0.6%	0.4%	4	1.4%	0.4%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	239	79%	304	100%
1 Days	18	6%	65	21%
2 Days	10	3%	47	15%
3 Days	10	3%	37	12%
4 Days	4	1%	27	9%
5 Days	22	7%	23	8%
6 or More Days	1	0%	1	0%

Count by Occupancy of Carpools and Vanpools

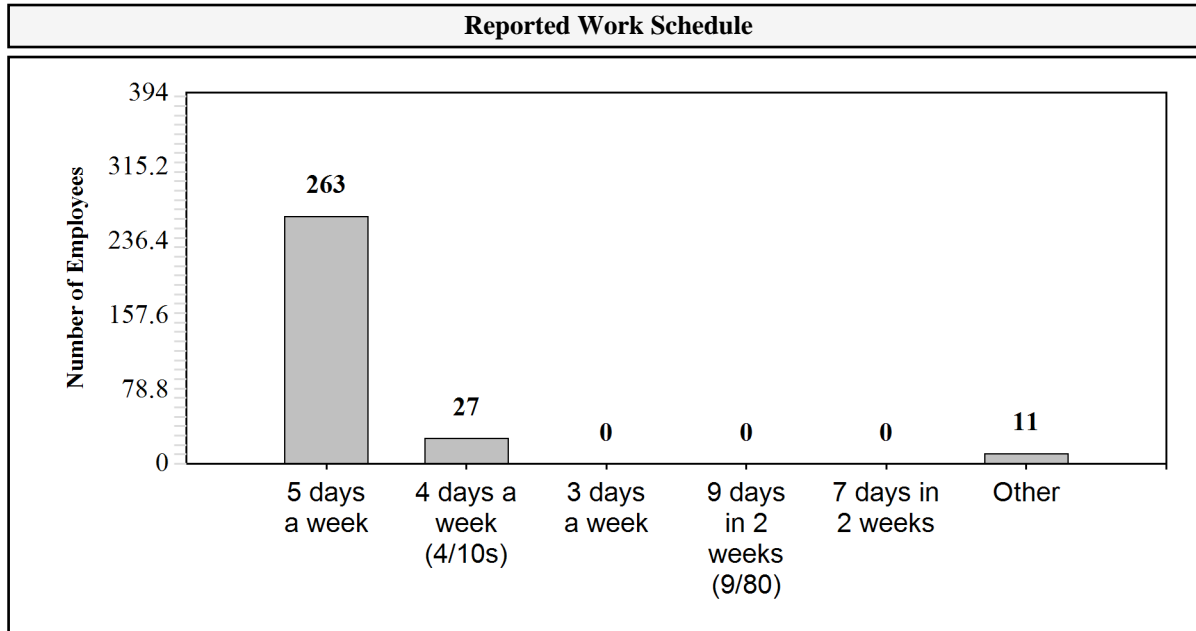
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	55
3	Carpool	20
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	13
5	Vanpool	17
6	Vanpool	5
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

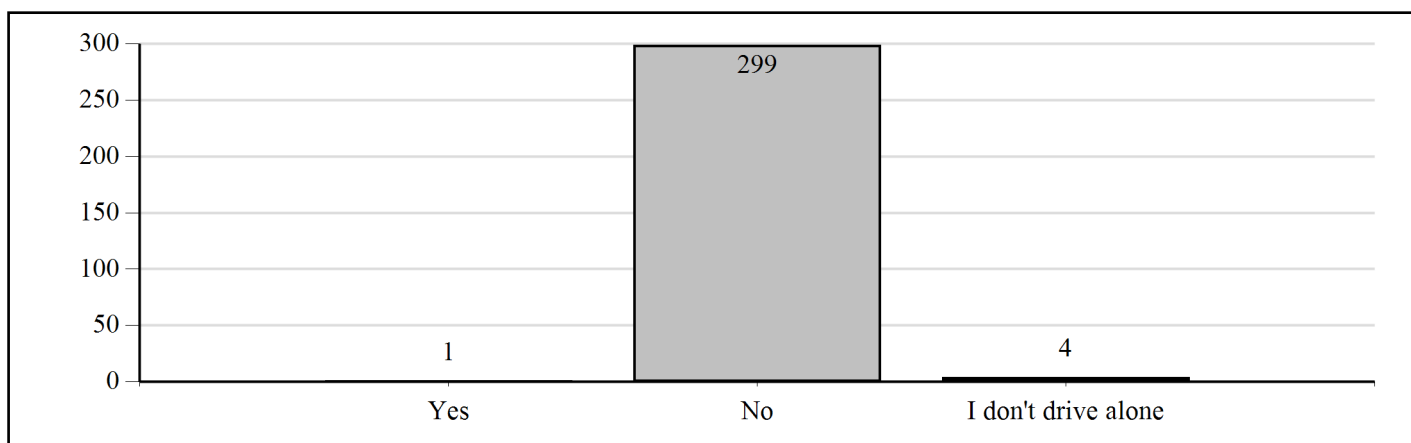
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	263	87.4%
4 days a week (4/10s)	27	9%
3 days a week	0	0%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	11	3.7%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	193	63.5%
Occasionally, on an as-needed basis	74	24.3%
1-2 days/month	14	4.6%
1 day/week	9	3.0%
2 days/week	6	2.0%
3 days/week	8	2.6%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	85	16.1%
Financial incentives for carpooling, bicycling or walking.	63	12.0%
Other	63	12.0%
Environmental and community benefits	62	11.8%
I have the option of teleworking	60	11.4%
To save time using the HOV lane	55	10.4%
Personal health or well-being	49	9.3%
Driving myself is not an option	27	5.1%
Free or subsidized bus, train, vanpool pass or fare benefit	24	4.6%
Emergency ride home is provided	21	4.0%
Cost of parking or lack of parking	9	1.7%
Preferred/reserved carpool/vanpool parking is provided	5	0.9%
I receive a financial incentive for giving up my parking space	4	0.8%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	225	30.2%
Riding the bus or train is inconvenient or takes too long	198	26.6%
My commute distance is too short	91	12.2%
Family care or similar obligations	89	11.9%
Bicycling or walking isn't safe	51	6.8%
Other	49	6.6%
I need more information on alternative modes	25	3.4%
My job requires me to use my car for work	15	2.0%
There isn't any secure or covered bicycle parking	2	0.3%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98012	30	9.87%	139	7	0	0	2	0	0	0	3	3	0	0	1
98208	23	7.57%	113	0	0	0	0	0	0	0	0	0	0	0	0
98258	19	6.25%	77	13	0	3	0	0	0	0	0	1	0	0	0
98021	13	4.28%	47	1	0	4	0	0	4	4	1	0	0	0	1
98036	13	4.28%	60	0	0	2	0	0	0	0	3	0	0	0	0
98270	12	3.95%	39	5	5	1	0	0	0	0	10	0	0	0	0
98203	11	3.62%	50	3	0	0	0	0	0	0	0	0	0	0	0
98204	11	3.62%	50	5	0	0	0	0	0	1	0	0	0	0	0
98296	11	3.62%	52	0	0	0	0	0	0	0	0	0	0	0	5
98275	10	3.29%	45	0	0	1	0	0	0	0	6	0	0	0	0
98011	9	2.96%	40	0	0	0	0	0	0	1	5	0	0	0	0
98072	9	2.96%	38	3	0	0	0	0	0	0	0	0	0	0	0
98026	8	2.63%	41	0	0	0	0	0	0	0	1	3	0	0	0
98037	8	2.63%	38	5	0	0	0	0	0	0	0	0	0	0	0
98201	8	2.63%	32	3	0	0	0	0	0	0	0	0	0	0	0
98223	7	2.30%	34	3	0	0	0	0	0	0	0	0	0	0	0
98034	6	1.97%	30	2	0	0	0	0	0	0	0	0	0	0	0
98290	6	1.97%	21	5	0	0	0	0	0	0	0	0	0	0	0
98087	5	1.64%	16	0	0	0	0	0	0	0	2	0	0	0	0
98020	4	1.32%	18	0	0	1	0	0	0	0	1	0	0	0	0
98028	4	1.32%	18	0	0	2	0	0	0	0	0	0	0	0	0
98052	4	1.32%	15	0	0	1	0	0	3	0	0	0	0	0	0
98008	3	0.99%	14	0	0	0	0	0	0	0	1	0	0	0	0
98027	3	0.99%	17	0	0	0	0	0	0	0	0	0	0	0	0
98115	3	0.99%	15	0	0	0	0	0	0	0	0	0	0	0	0
98155	3	0.99%	14	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98252	3	0.99%	6	8	0	0	0	0	0	0	0	0	0	0	0
98272	3	0.99%	14	0	0	0	0	0	0	0	1	0	0	0	0
98006	2	0.66%	10	0	0	0	0	0	0	0	0	0	0	0	0
98033	2	0.66%	10	0	0	0	0	0	0	0	0	0	0	0	0
98058	2	0.66%	8	0	0	0	0	0	0	0	2	0	0	0	0
98059	2	0.66%	11	0	0	0	0	0	0	0	0	0	0	0	0
98074	2	0.66%	5	0	0	0	0	0	0	0	5	0	0	0	0
98133	2	0.66%	9	0	0	0	0	0	0	0	1	0	0	0	0
98271	2	0.66%	10	0	0	0	0	0	0	0	0	0	0	0	0
98277	2	0.66%	5	0	7	0	0	0	0	0	0	0	0	0	0
98292	2	0.66%	10	0	0	0	0	0	0	0	0	0	0	0	0
98373	2	0.66%	0	9	0	0	0	0	0	0	1	0	0	0	0
98003	1	0.33%	5	0	0	0	0	0	0	0	0	0	0	0	0
98007	1	0.33%	5	0	0	0	0	0	0	0	0	0	0	0	0
98014	1	0.33%	2	0	0	0	0	0	0	0	2	0	0	0	1
98024	1	0.33%	5	0	0	0	0	0	0	0	0	0	0	0	0
98029	1	0.33%	5	0	0	0	0	0	0	0	0	0	0	0	0
98030	1	0.33%	5	0	0	0	0	0	0	0	0	0	0	0	0
98031	1	0.33%	5	0	0	0	0	0	0	0	0	0	0	0	0
98038	1	0.33%	7	0	0	0	0	0	0	0	0	0	0	0	0
98039	1	0.33%	0	0	0	0	0	0	0	0	5	0	0	0	0
98045	1	0.33%	4	0	0	0	0	0	0	0	1	0	0	0	0
98053	1	0.33%	5	0	0	0	0	0	0	0	0	0	0	0	0
98055	1	0.33%	5	0	0	0	0	0	0	0	0	0	0	0	0
98056	1	0.33%	5	0	0	0	0	0	0	0	0	0	0	0	0
98092	1	0.33%	4	0	0	0	0	0	0	0	1	0	0	0	0
98108	1	0.33%	3	0	0	0	0	0	0	0	2	0	0	0	0
98112	1	0.33%	0	0	0	5	0	0	0	0	0	0	0	0	0
98116	1	0.33%	5	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98117	1	0.33%	0	0	5	0	0	0	0	0	0	0	0	0	0
98118	1	0.33%	3	2	0	0	0	0	0	0	0	0	0	0	0
98122	1	0.33%	5	0	0	0	0	0	0	0	0	0	0	0	0
98125	1	0.33%	5	0	0	0	0	0	0	0	0	0	0	0	0
98126	1	0.33%	4	0	0	0	0	0	0	0	0	0	0	0	0
98198	1	0.33%	0	0	5	0	0	0	0	0	0	0	0	0	0
98199	1	0.33%	5	0	0	0	0	0	0	0	0	0	0	0	0
98229	1	0.33%	0	0	0	0	0	0	0	0	5	0	0	0	0
98236	1	0.33%	2	0	0	3	0	0	0	0	0	0	0	0	0
98241	1	0.33%	5	0	0	0	0	0	0	0	0	0	0	0	0
98249	1	0.33%	0	0	0	1	0	0	0	0	0	0	1	0	0
98251	1	0.33%	6	0	0	0	0	0	0	0	0	0	0	0	0
98273	1	0.33%	5	0	0	0	0	0	0	0	0	0	0	0	0
98284	1	0.33%	5	0	0	0	0	0	0	0	0	0	0	0	0
98310	1	0.33%	0	0	5	0	0	0	0	0	0	0	0	0	0
98390	1	0.33%	0	0	5	0	0	0	0	0	0	0	0	0	0
98424	1	0.33%	0	0	3	0	0	0	0	0	1	0	0	0	0
98499	1	0.33%	4	0	0	0	0	0	0	0	0	0	0	0	0